

# Region 1 Fire Danger Outlook

4/24/19. Covering the period 4/24-4/30/19

Cabe Speary, Fire Environment Forester, 252-325-3089

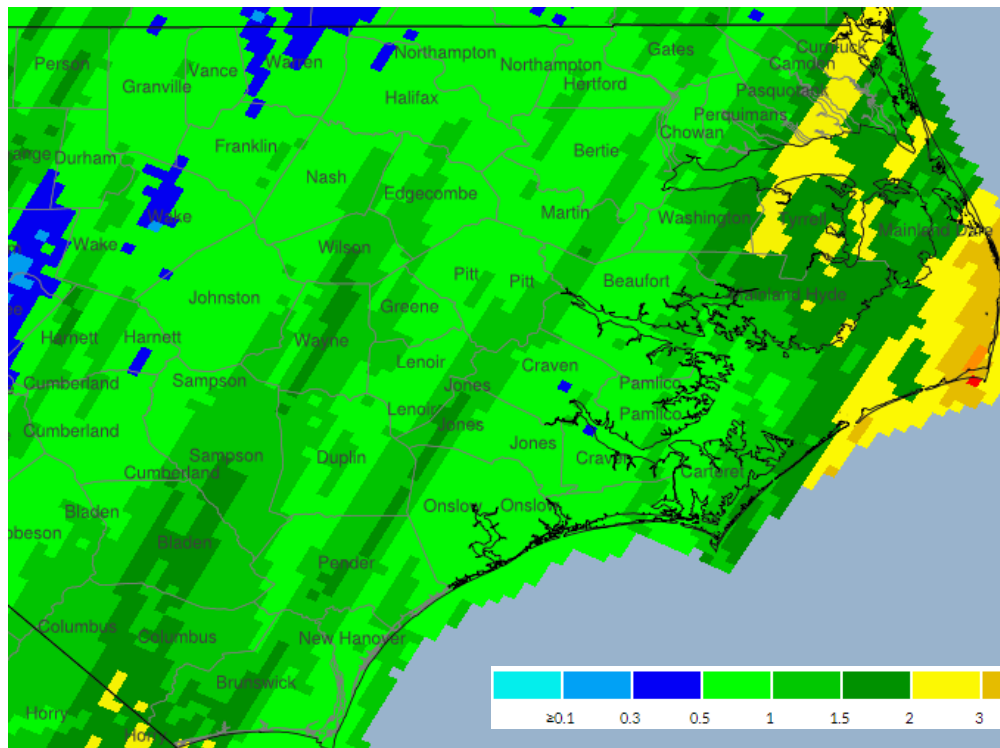
## Weather Outlook

- A cold front sags south across Virginia today, stalls across northern North Carolina tonight, then lifts back north as a warm front Thursday, bringing a slight chance of showers to D-7. A strong cold front crosses the area Friday with a better chance for showers and thunderstorms for the entire region. High pressure builds into the area late on Saturday and will dominate through the rest of the period, bringing dry conditions. For May 1-May 7, there is a 40-50% chance of **below** normal precipitation.
- Minimum RH will be in the mid-30s to mid-40s today and tomorrow, climbing to 60-70% for Friday, then returning to the mid-30s-mid-40s for the remainder of the period, except along the immediate coastal counties where mid-50s can be expected later in the period.
- Winds will generally be S/SW at 5-12 MPH, gusting to 21, today and tomorrow. They will switch to the N/NW on Friday night, at 5-10 in the northern part of the region and 10-15 in the south. For the remainder of the period, expect 5-15 MPH mostly from the southern quadrants. Mixing heights should be 5,500-7,000 feet today and tomorrow. For today, expect transport winds from the W/SW at 7-15 MPH, with S/SW at 12-22 MPH for tomorrow.
- High temperatures will be in the 80s to near 90 degrees today and tomorrow, dropping back to 70-80 for the remainder of the period. Lows will be in the low 50s to low 60s for the entire period. For May 1-May 7, there is a 50-60% chance of **above** normal temperatures.

## Fire Activity (does not include federal ownership)

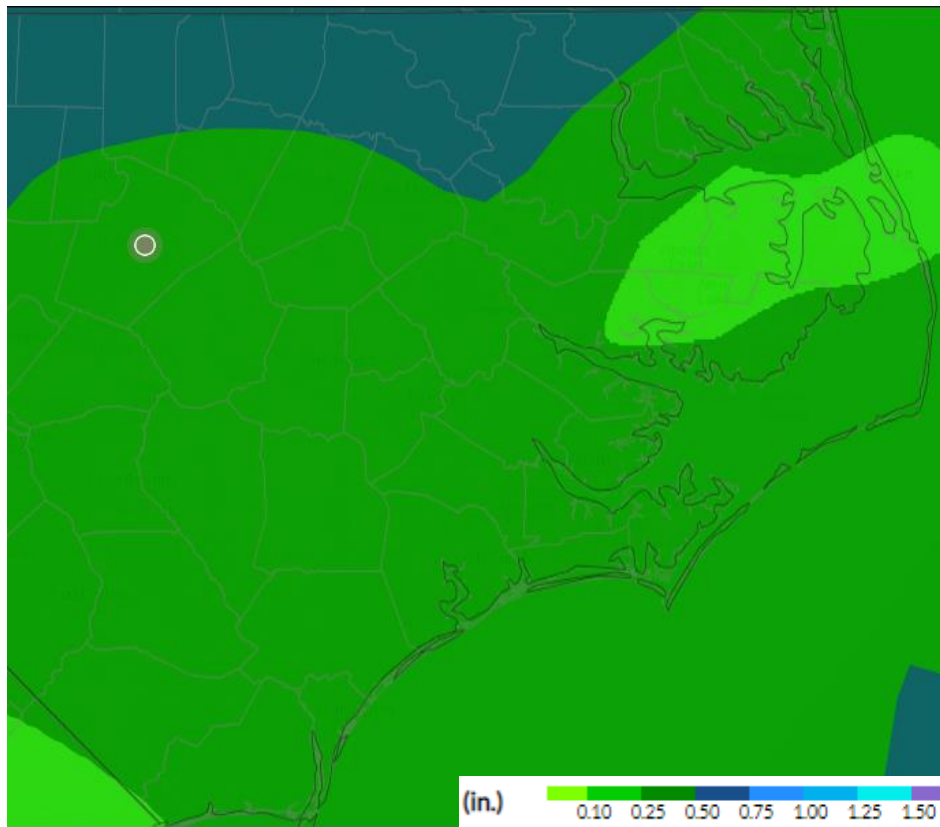
4/17-4/23	<u>Number</u>	<u>Acres</u>
Wildfire	15	57
Prescribed Fire	9	480

## Precipitation Estimates for April 17th, 0800 to April 23rd, 0800



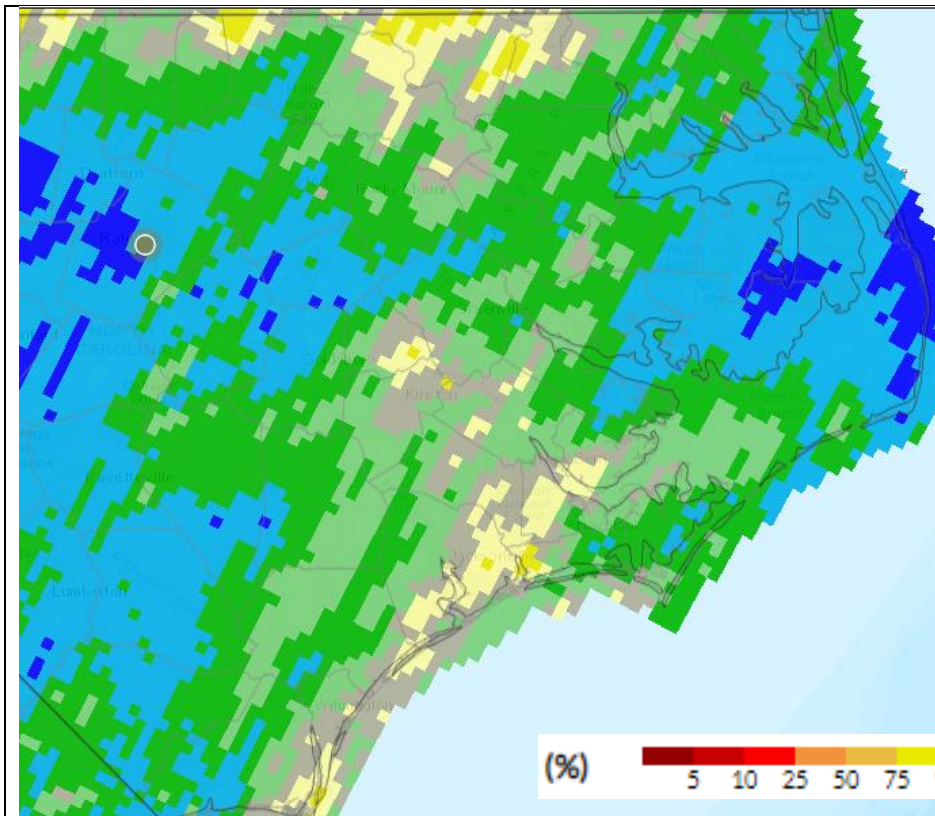
Most areas in the ½-1" range.

## Forecast Precipitation, April 26, 0800-April 28, 0800



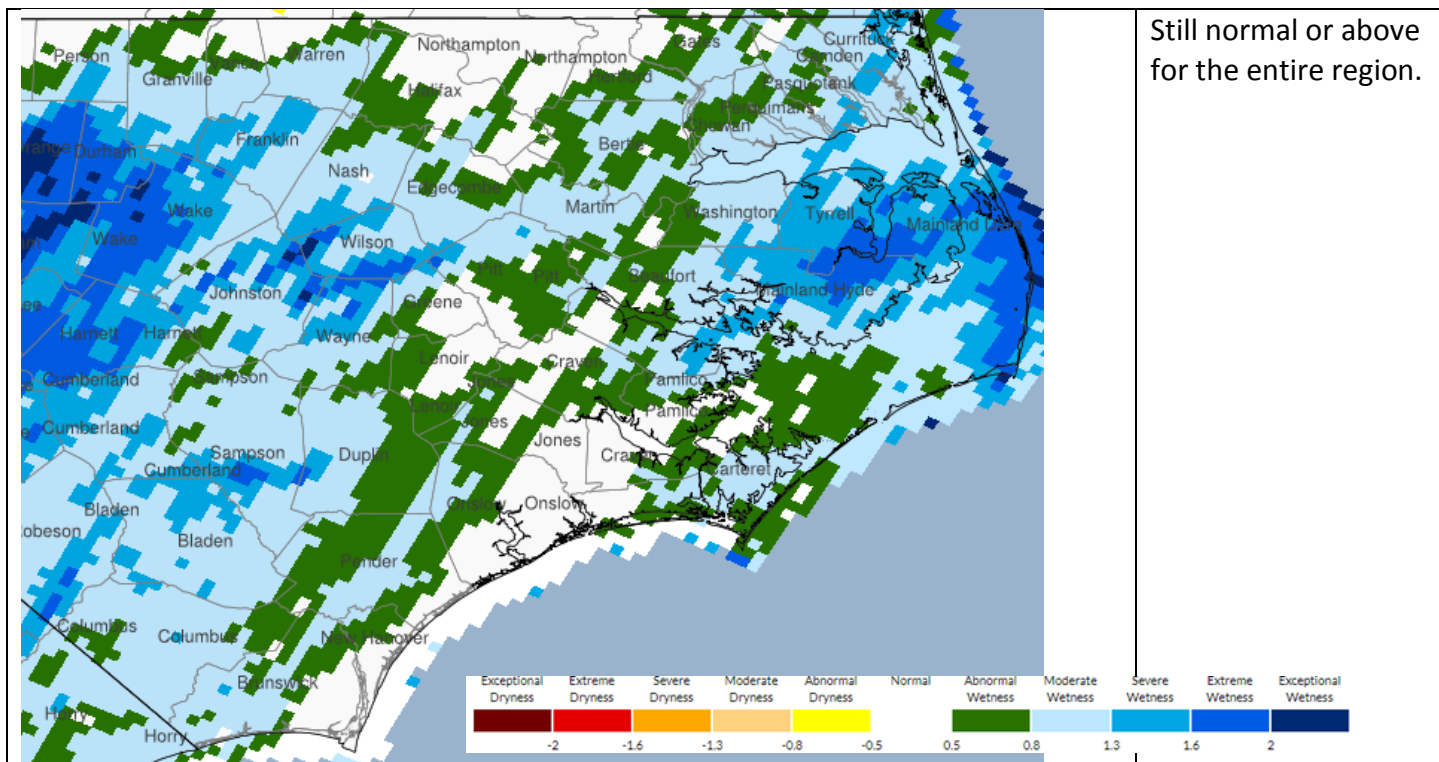
Less than average rainfall this coming week, with most falling Friday and Saturday. Looking for .1-.5" except parts of D-7 getting up to  $\frac{3}{4}$ ".

## 30 Day Percent of Normal Precipitation, March 24-April 23

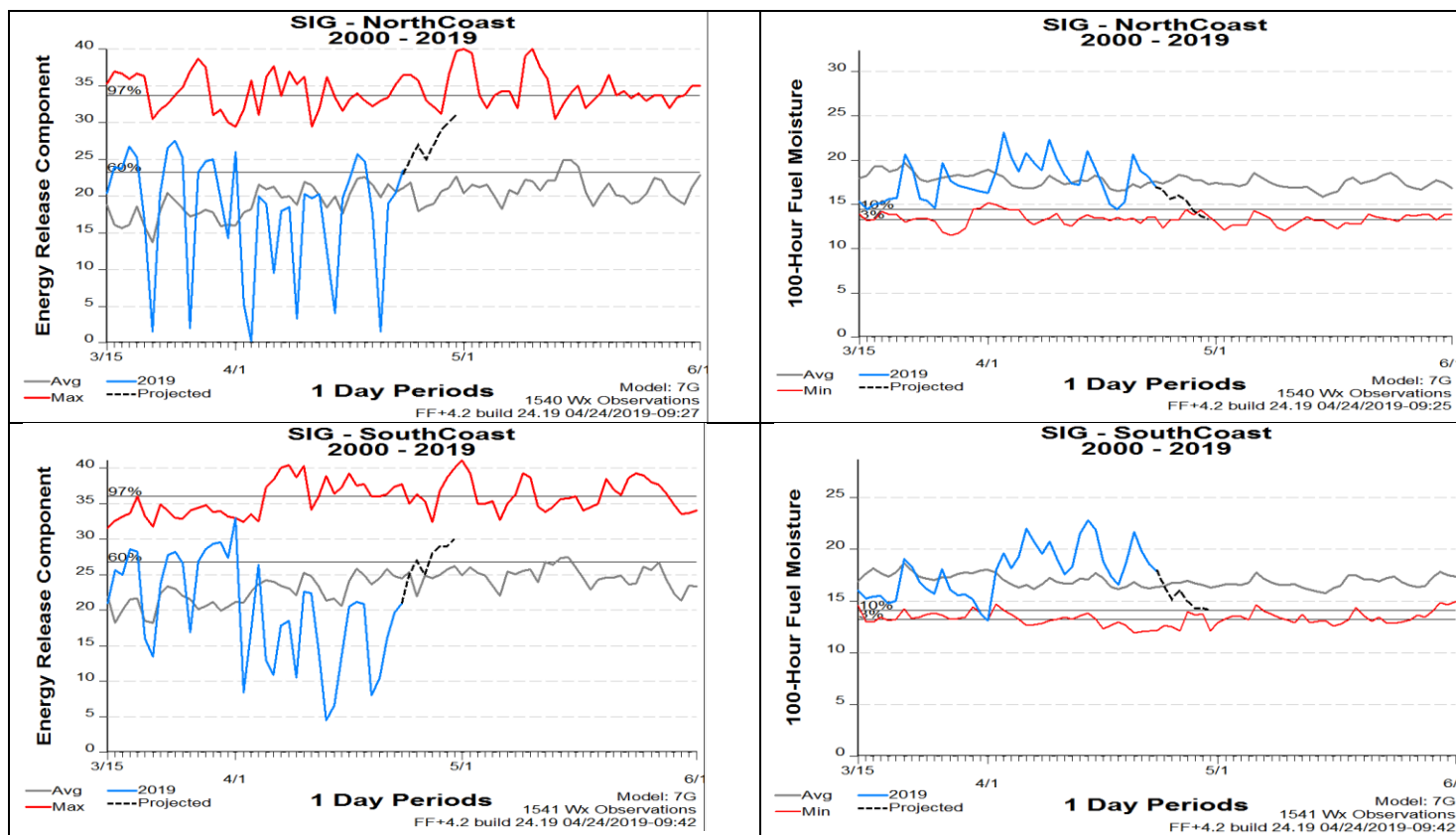


Still looking good. No areas of concern, but this will likely change next week.

## 30 Day SPEI, March 24-April 23



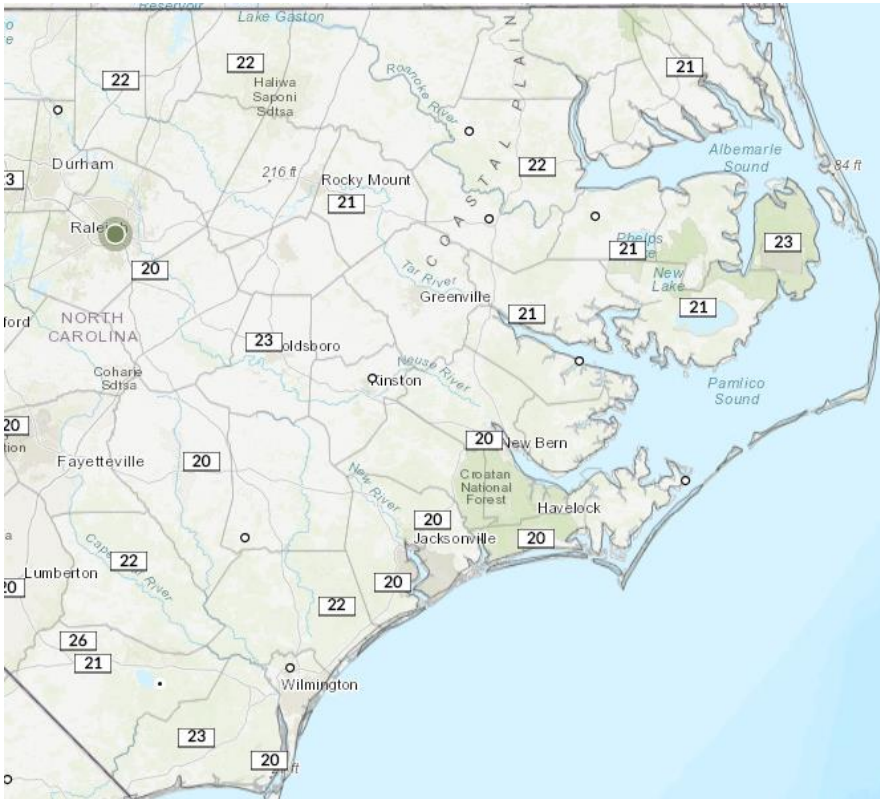
## ERC and 100 HR FM Trends



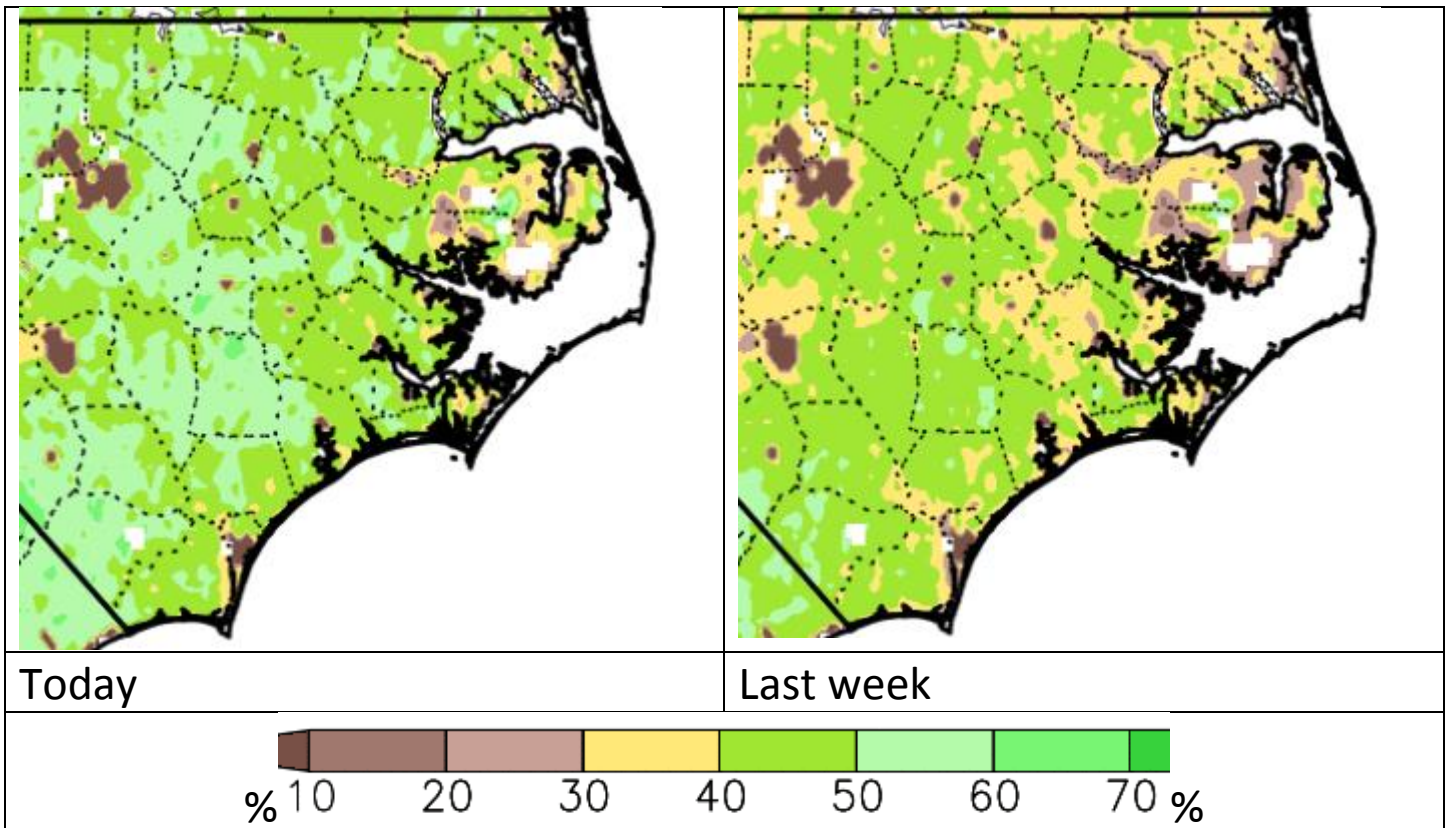
ERCs are predicted to increase today and tomorrow before dropping back slightly Friday, then increasing rapidly for the remainder of the period.. 100 HR FMs will be dropping considerably, getting near or at their all-time low by the end of the period.

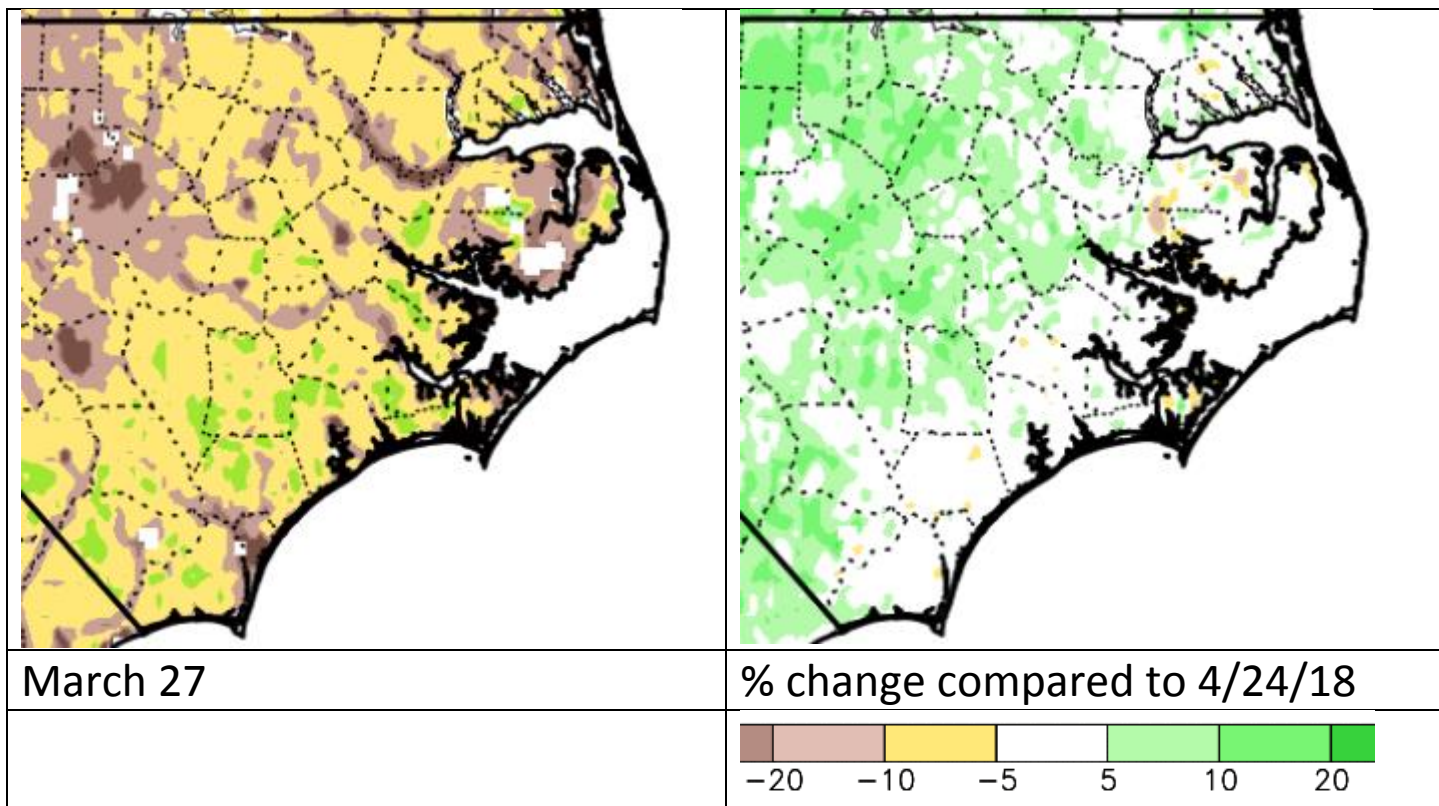


## 1000 HR Fuel Moisture, 4/23, 1300



## Green Vegetation Fraction (%)

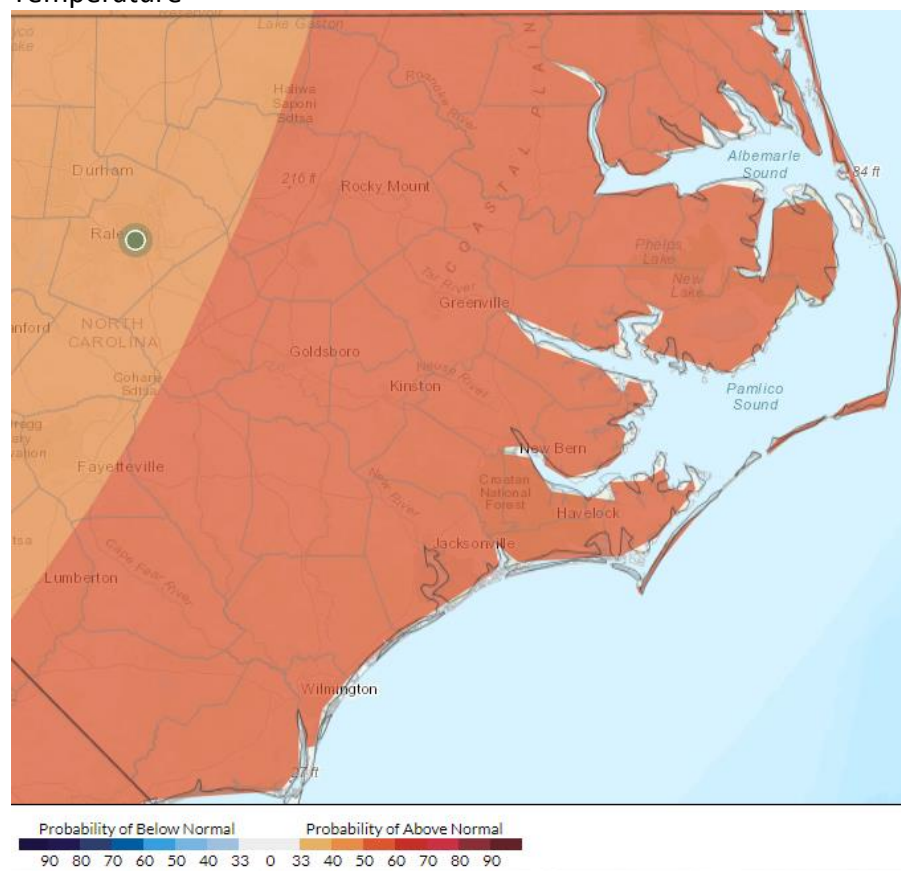




Warm weather has increased greenup considerably in the past week. River bottoms and large farm areas where crops have not yet emerged are the only areas not showing at least 30% green.

## LONG TERM FORECASTS: May-July

### Temperature



Precipitation

